

USEPA/OECA/OC
State and Tribal Assistance Grants (STAG) FY2001
Washington: Information Display Improvements
Quarter Report 3, FY2003
Uploaded to Internet 8.4.2003

**Reporting of Milestones and Outcomes/Results for EPA's
Enforcement and Compliance Assurance Grants**

(This reporting form is to be filled out by the Grantee)

Reporting Period: Year: 2003

- ☐ Oct-Dec (due last working day Jan)
☐ Jan-Mar (due last working day Apr)
☒ Apr-Jun (due last working day Jul)
☐ Jul-Sep (due last working day Oct)

I. Information

State/Tribe/University or Department: **Washington State Department of Ecology**

Title of Project: **Enforcement and Compliance Information Display**

a.k.a IRIS (Image Rendering Information System) for Hazardous Waste

Grant Contact Person: **Name: Joanne Phillipson**

Title: Technical Team Supervisor

Address: PO Box 47600, Olympia, WA 98504-7600

Phone: (360) 407-6474

Fax: (360) 407-6715

Email: joph461@ecy.wa.gov

Funds Received by Grantee (Date and amount): **\$112,500 on 9/25/2001**

EPA Regional Project Officer: **Susan Ennes**

EPA Regional Technical Contact: **Ted Enderle**

Author of report: **Joanne Phillipson**

II. Status of Project Milestones

Significant milestones for the project should be entered into this table at the beginning of the grant period and should appear in every report (unless it is dropped from the project).

With each report, please fill in dates or add milestones as appropriate. If dates or milestones are adjusted in subsequent reports, please indicate this in the comment field or in text below the table.

(Expand table as appropriate.)

Project Milestones	Anticipated Completion Date	Completion Date
QRPT #1 Project Documents	1/2/2003	1/2/2003

QRPT #2 Design Documents	4/1/2003	4/1/2003
QRPT #3 Development Progress	7/31/2003	7/24/03
General Design Document Finalized	8/29/2003	
Detail Design Documents Finalized	9/30/2003	
Beta Version Ready	9/29/2003	
Release Candidate Version Ready	10/29/2003	
QRPT #4 Deployment Readiness	10/31/2003	
Release 1.0	11/3/2003	
Deployment Plan Ready	11/18/2003	
Post to Ecology Website	11/18/2003	
Presentations Ready	12/15/2003	
QRPT #5 Deployment Progress	12/31/2003	
Final Project Report	4/23/2004	
Project Complete	4/30/2004	

III. Project Status

Work completed this period:

- Production name: IRIS (Image Rendering Information System) for Hazardous Waste selected
- Software development toolset acquired and installed
- Functional prototype developed and used for design feasibility tests
- Qualitative requirements defined and analyzed
- Features list developed and development issues identified

Work in progress:

- Software design, including
 - User requirements
 - User interface
 - Use cases
 - System prototype
 - Class diagrams
 - Application architecture
 - Image library

Work planned this period:

- Finalize general design documents
- Finalize detail design documents

- Compile image library
- Develop alpha version

Anticipated project completion date: 4/30/2004

If this anticipated date is later than the date reported on the last report, please explain.

IV. Results/Outcomes: (Both planned and actual - to be updated with each report) Outcome measures include changes in awareness and understanding, changes in behavior, and environmental and human health improvements.

Describe results and attach additional information if necessary.

Examples of Outcome Measures:

Project Goals	Outcome Measurements
<p>Application Usability Goals (Data Access) - The application will inform a wide audience with an interactive graphical representation of hazardous waste and compliance data. The graphical images will convey more meaning than information in a traditional tabular format. The following usability goals will be realized:</p> <ul style="list-style-type: none"> • The information contained in the application will be updated regularly. • Images displayed on the computer screen will change in size and context and in relation to the information retrieved. • The application will contain an online help system for users with complete instructions on how to setup and use the system. 	<ol style="list-style-type: none"> 1. The application will be released according to a marketing plan with formal presentations to agencies in Washington. The number of presentations made and the number of attendees at each event will be recorded. 2. Evaluations will be developed and administered to measure the changes in awareness and understanding of the information presented. 3. The project team will obtain and respond to all feedback concerning the usability and usefulness of the new information display and tracks all results.
<p>Application Development Criteria (Software Reusability) - The application will be developed in such a way as to create maximum flexibility for customization by other agency developers with a minimum of effort. The following design elements will ensure the reusability of the application:</p> <ul style="list-style-type: none"> • The application will be available on the Internet and operate on a stand-alone computer with commonly available components. 	<ol style="list-style-type: none"> 1. The application will be thoroughly tested before it is released without critical defects. 2. The project team will notify agency developers of the existence of the application, and of all available training and support for the application.

- | | |
|---|--|
| <ul style="list-style-type: none">• Developers will have the ability to link a variety of data sources in the application quickly and easily, and to choose a variety of images to represent their selected data.• The project documentation will include general and detailed design documents and a system guide for developers. | |
|---|--|